

## AXIS Q8665-LE PTZ Network Camera

Look quickly through a clean window and with IR illumination

AXIS Q8665-LE offers a quick pan and tilt feature with integrated powerful IR illuminators, providing up to 150 meters/164 yards range in complete darkness. It tilts upwards 40° and can be mounted on top of columns, enabling 360° field of view without anything interfering the line of sight. Compliant with IP66 and NEMA 4X for protection against dust, rain and snow. Equipped with a wiper to remove excess water or rain. In places with high risk for dust, salt, sand and emission of soot from vehicles, an accessory washer can be purchased to spray cleaning fluid to secure clean windows.

- > **Infrared illumination**
- > **Continuous pan, 360° endless**
- > **18x optical zoom in HDTV 1080p**
- > **Water and dust resistant**
- > **-40 °C to 55 °C (-40 °F to 131 °F)**



# AXIS Q8665-LE PTZ Network Camera

<b>Models</b>	AXIS Q8665-LE 24 V AC AXIS Q8665-LE 100 V AC AXIS Q8665-LE 120 V AC AXIS Q8665-LE 230 V AC		
<b>Camera</b>			
<b>Image sensor</b>	Progressive scan RGB CMOS 1/2.9"		
<b>Lens</b>	4.7–84.6 mm, F1.6 – 2.8 Horizontal angle of view: 59 – 4° Autofocus, Automatic day/night		
<b>Day and night</b>	Automatic switching from infrared-cut filter to infrared pass filter in night mode		
<b>Light sensitivity</b>	Color: 0.5 lux at 30 IRE F1.6 B/W: 0 lux with built-in IR illumination		
<b>Shutter time</b>	1/28000 s to 2 s		
<b>Pan/Tilt/Zoom</b>	Preset positions, Guard tour, Driver selection, Control queue Pan: Continuous Tilt: +90° to -40° 18x optical zoom and 12x digital zoom Pan speed: 0.02°/s to 40°/s Tilt speed: 0.02°/s to 30°/s Preset accuracy: 0.02°		
<b>Video</b>			
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), H.264 Main and Baseline Profile Motion JPEG		
<b>Resolutions</b>	1920x1080 HDTV 1080p to 160x90		
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in all resolutions		
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264		
<b>Image settings</b>	Manual shutter time, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Backlight compensation, Fine tuning of behavior at low light, Rotation, Text and image overlay, Day/night shift level Wide Dynamic Range – Dynamic Contrast		
<b>Network</b>			
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log		
<b>Supported protocols</b>	IPv4/IPv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH		
<b>System integration</b>			
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform, specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>		
<b>Analytics</b>	AXIS Video Motion Detection 3, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>		
<b>Event triggers</b>	Analytics, Edge storage events		
<b>Event actions</b>	File upload: FTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS and TCP Video recording to edge storage, Pre- and post-alarm video buffering, Overlay text, Day/Night vision mode		
<b>Data streaming</b>	Event data		
<b>Built-in installation aids</b>	Pixel counter		
<b>General</b>			
<b>Casing</b>	IP66- and NEMA 4X-rated metal casing (aluminum) and ABS Color: RAL 9002		
		Wiper included	
<b>Memory</b>		256 MB RAM, 128 MB Flash	
<b>Power</b>		Input voltage to base unit: 24 V AC, 8 A Input voltage to Light Sensor Box: 100 V AC, 120 V AC, 230 V AC: IR inactive: Max: 55 W Typical: 40 W IR active: Max.: 115 W Typical: 94 W	
<b>Connectors</b>		RJ45 10BASE-T/100BASE-TX Network connector Terminal blocks: Power connector CN1, Signal connector REL1 in CN4	
<b>IR illumination</b>		Illumination angle: 2 x 30° Power: 60 W Wavelength: 850 nm Manually adjustable light intensity, Adjustable light sensor threshold	
<b>Edge storage</b>		Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>	
<b>Operating conditions</b>		-40 °C to 55 °C (-40 °F to 131 °F) Humidity 10–100% RH (condensing) Arctic Temperature Control enables camera start-up at temperatures as low as -40 °C/°F	
<b>Storage conditions</b>		-40 °C to 65 °C (-40 °F to 149 °F)	
<b>Approvals</b>		EMC EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, VCCI Class A ITE, ICES-003 Class A, C-tick AS/NZS CISPR 22 Class A, EN 50121-4 120 V AC and 230 V AC: KCC KN22 Class A, KN24 Environment IEC/EN 60529 IP66, NEMA 250 4x Safety IEC/EN 60950-1, IEC/EN 60950-2 24 V AC and 120 V AC: UL 60950-1, UL 60950-22	
<b>Dimensions</b>		496 x 584 x 463 mm (19 1/2 x 23 x 18 1/4 in)	
<b>Weight</b>		21.5 kg (47.4 lb)	
<b>Included accessories</b>		Installation Guide PT IR Illuminator Kit B AXIS Q8665-LE Light Sensor Box (not included with AXIS Q8665-LE 24 V AC)	
<b>Required hardware</b>		AXIS Wall Bracket K or AXIS Column Bracket K	
<b>Optional accessories</b>		AXIS Washer Kit A AXIS T95A64 Corner Bracket AXIS T95A67 Pole Bracket AXIS T98A15-VE Media Converter Cabinet A	
<b>Video management software</b>		AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>	
<b>Languages</b>		English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
<b>Warranty</b>		Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>	

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

More information is available at [www.axis.com](http://www.axis.com)